

## Michigan Regional Curve Study – Site Selection/Reconnaissance Status

Please note that stations followed by a “[D]” are currently discontinued stations, stations that are underlined are crest-stage gages, and stations that are in [blue](#) have been evaluated since the April Stream Team meeting.

### 1) Sites surveyed as of July 2007:

[04046000 Black River near Garnet](#)

04060500 Iron River near Caspian

04060993 Brule River near Florence (replicate to 04061000)

04062200 Peshekee River near Champion

04065500 Sturgeon River near Foster City [D]

04065600 Pine Creek near Iron Mountain [D]

04096015 Galien River near Sawyer

04096272 Beebe Creek near Hillsdale [D]

04096400 St. Joseph River near Burlington [D] (replicate to 04096405)

04096405 St. Joseph River at Burlington (replicate to 04096400)

04096515 South Branch Hog Creek near Allen

04096600 Coldwater River near Hodunk [D]

04097170 Portage River near Vicksburg

04097370 Flowerfield Creek near Flowerfield [D]

04102776 Middle Branch Black River near South Haven

04103010 Kalamazoo River near Marengo

04104945 Wanadoga Creek near Battle Creek

04105700 Augusta Creek near Augusta

[04114498 Looking Glass River near Eagle \(replicate to 04114500\)](#)

### 2) Site reconnaissance completed as of July 2007:

#### a. Prospective survey locations

[04045538 West Branch Waiska River near Brimley](#)

04096340 St. Joseph River at Clarendon [D]

04097540 Prairie River near Nottawa

04102700 South Branch Black River near Bangor

[04108600 Rabbit River near Hopkins](#)

04111379 Red Cedar River near Williamston (debris)

04111500 Deer Creek near Dansville

04115265 Fish Creek near Crystal (debris and thick brush)

04117500 Thornapple River near Hastings

[04126200 Little Manistee River near Freesoil \[D\]](#)

[04127918 Pine River near Rudyard](#)

04128000 Sturgeon River near Wolverine [D] (replicate to 04127997)

04129500 Pigeon River at Afton [D]

04134000 North Branch Thunder Bay River near Bolton [D]

04135700 South Branch Au Sable River near Luzerne  
[04148640 Armstrong Creek near Montrose \[D\]](#)  
04159900 Mill Creek near Avoca  
04160600 Belle River at Memphis  
[04160800 Sashabaw Creek near Drayton Plains](#)  
[04161760 West Branch Stony Creek near Washington](#)  
[04164050 North Branch Clinton River near Romeo](#)  
[04164150 North Branch Clinton River near Meade](#)

b. Eliminated from survey consideration

[04044813 Two Hearted River near Paradise](#)  
04096900 Nottawa Creek near Athens [D]  
04098500 Fawn River near White Pigeon [D]  
04102500 Paw Paw River at Riverside  
[04108800 Macatawa River near Zeeland \[D\] \(replicate to 04108801, entrenched\)](#)  
[04112700 Sycamore Creek near Mason \(modified channel\)](#)  
04112850 Sycamore Creek near Holt (modified channel) [D]  
04114000 Grand River at Portland (channel is unable to wade)  
04117000 Quaker Brook near Nashville (modified channel)  
[04122200 White River near Whitehall \(not wadeable\)](#)  
04127997 Sturgeon River at Wolverine (modified channel, replicate to 04128000)  
04131500 Rainy River near Ocqueoc (karst-driven flow, channel bed inconsistent) [D]  
04135500 Au Sable River at Grayling [D]  
04135600 East Branch Au Sable River at Grayling (affected by hatchery) [D]  
04136000 Au Sable River near Red Oak (channel may be unable to wade)  
04143900 Shiawassee River at Linden (dam influenced)  
04144000 Shiawassee River at Byron (dam influenced)  
[04144180 Jones Creek near Gaines \(modified channel\) \[D\]](#)  
[04144220 Jones Creek at Duffield \(modified channel\) \[D\]](#)  
[04148610 Cole Creek near Flushing \(modified channel\) \[D\]](#)  
04148720 Brent Run near Montrose [D]  
[04148800 Pine Run near Montrose \(unable to establish datum, sedimentation\) \[D\]](#)  
[04148900 Silver Creek near Clio \[D\]](#)  
04149300 Misteguay Creek near Flushing (modified channel) [D]  
04150800 Cass River at Wahjamega (dam influenced) [D]  
[04160350 Pine River near Rattle Run](#)  
[04164010 North Branch Clinton River at Almont](#)  
[04164100 East Pond Creek at Romeo](#)  
[04164200 Coon Creek near Armada](#)  
[04168800 Huron River near Andersonville \[D\]](#)

3) Sites that need field reconnaissance:

04001000 Washington Creek at Windigo [D]  
04031000 Black River near Bessemer  
04033000 Middle Branch Ontonagon River near Paulding  
04035000 East Branch Ontonagon River near Mass [D]  
04040500 Sturgeon River near Sidnaw  
04041000 Perch River near Sidnaw [D]  
04049500 Manistique River near Germfask [D]  
04056000 West Branch Manistique River near Manistique [D]  
04057510 Sturgeon River near Nahma Junction  
04059400 Tenmile Creek at Perronville  
04062230 Michigamme River near Michigamme [D]  
04114500 Looking Glass River at Hinman Road near Eagle [D] (replicate to 04114498)  
04121500 Muskegon River at Evart  
04122230 North Branch Pentwater River near Pentwater  
04122500 Pere Marquette River at Scottville  
04123000 Big Sable River near Freesoil [D]  
04123500 Manistee River near Grayling [D]  
04124000 Manistee River near Sherman  
04124500 East Branch Pine River near Tustin  
04125000 Pine River near Leroy [D]  
04125460 Pine River near Hoxeyville (replicate to 04125500)  
04125500 Pine River near Hoxeyville [D] (replicate to 04125460)  
04138600 Gamble Creek at Lupton [D]  
04138700 Bixby Creek near Rose City [D]  
04139500 Rifle River near Lupton [D]  
04139900 Ammond Creek near Selkirk [D]  
04140000 Prior Creek near Selkirk [D]  
04140200 Klacking Creek near Selkirk [D]  
04141000 South Branch Shepard's Creek near Selkirk [D]  
04141100 Shepard's Creek near Selkirk [D]  
04146063 South Branch Flint River near Columbiaville  
04146450 North Branch Flint River near Columbiaville  
04147990 Butternut Creek near Genesee [D]  
04148140 Kearsley Creek near Davison  
04150000 South Branch Cass River near Cass City [D]  
04150500 Cass River at Cass City  
04152238 South Branch Tobacco River near Beaverton  
04153500 Salt River near North Bradley [D]  
04161580 Stony Creek near Romeo  
04172500 Portage River near Pinckney [D]

- 4) Sites eliminated in-house from study consideration
- 04030000 Montreal River near Saxon [D]
  - 04031500 Presque Isle River at Marenisco [D]
  - 04032000 Presque Isle River near Tula [D]
  - 04033500 Bond Falls Canal near Paulding
  - 04034500 Middle Branch Ontonagon River near Trout Creek
  - 04035500 Middle Branch Ontonagon River near Rockland
  - 04036000 West Branch Ontonagon River near Bergland
  - 04037500 Cisco Branch Ontonagon River at Cisco Lake Outlet
  - 04039500 South Branch Ontonagon River at Ewen [D]
  - 04040000 Ontonagon River near Rockland
  - 04041500 Sturgeon River near Alston
  - 04042000 Sturgeon River near Baraga [D]
  - 04042300 Sturgeon River near Pelkie [D]
  - 04042500 Otter River near Elo [D]
  - 04043000 Sturgeon River near Arnheim [D]
  - 04043050 Trap Rock River near Lake Linden
  - 04043800 McClure Storage Basin Release near Marquette
  - 04044200 Carp Creek at Ishpeming [D]
  - 04044400 Carp River near Negaunee [D]
  - 04044724 Au Train River at Forest Lake
  - 04045500 Tahquamenon River near Paradise
  - 04045559 East Branch Waiska River near Brimley [D]
  - 04054500 Duck Creek near Blaney [D]
  - 04055000 Manistique River near Blaney [D]
  - 04056500 Manistique River near Manistique
  - 04057000 Indian River near Manistique [D]
  - 04057800 Middle Branch Escanaba River at Humboldt
  - 04057813 Greenwood Diversion near Greenwood
  - 04057814 Greenwood Release near Greenwood
  - 04057820 Middle Branch Escanaba River near Greenwood [D]
  - 04057900 Black River near Republic [D]
  - 04058000 Middle Branch Escanaba River near Ishpeming [D]
  - 04058100 Middle Branch Escanaba River near Princeton
  - 04058200 Schweitzer Creek near Palmer
  - 04058300 Warner Creek near Palmer [D]
  - 04058400 Goose Lake Outlet near Sands Station [D]
  - 04058500 East Branch Escanaba River at Gwinn [D]
  - 04059000 Escanaba River at Cornell
  - 04059500 Ford River near Hyde
  - 04061000 Brule River near Florence [D] (replicate to 04060993)
  - 04061500 Paint River at Crystal Falls [D]
  - 04062000 Paint River near Alpha

Sites eliminated in-house from study consideration (continued)

04062011 Brule River near Commonwealth  
04062100 Peshekee River near Michigamme [D]  
04062300 Michigamme River at Republic [D]  
04062400 Michigamme River near Witch Lake [D]  
04062500 Michigamme River near Crystal Falls  
04063000 Menominee River near Florence  
04063500 Menominee River at Twin Falls near Iron Mountain  
04065000 Menominee River near Iron Mountain [D]  
04065300 West Branch Sturgeon River near Randville [D]  
04065393 East Branch Sturgeon River below Skunk Creek near Felch [D]  
04065722 Menominee River near Vulcan  
04066003 Menominee River near Pembine  
04066800 Menominee River at Koss  
04067000 Menominee River near Koss  
04067500 Menominee River near McAllister  
04096500 Sauk River at Coldwater  
04097060 Little Portage Creek near Fulton [D]  
04097195 Gourdneck Canal near Schoolcraft [D]  
04097200 Gourdneck Creek near Schoolcraft [D]  
04097500 St. Joseph River at Three Rivers  
04099000 St. Joseph River at Mottville  
04100500 Elkhart River at Goshen  
04101000 St. Joseph River at Elkhart  
04101500 St. Joseph River at Niles  
04101800 Dowagiac River at Sumnerville  
04102000 St. Joseph River at Berrien Springs [D]  
04103500 Kalamazoo River at Marshall  
04105000 Battle Creek at Battle Creek  
04105500 Kalamazoo River near Battle Creek  
04105800 Gull Creek near Galesburg [D]  
04106000 Kalamazoo River at Comstock  
04106180 Portage Creek at Portage  
04106300 Portage Creek near Kalamazoo  
04106320 West Fork Portage Creek near Oshtemo  
04106400 West Fork Portage Creek at Kalamazoo  
04106500 Portage Creek at Kalamazoo  
04108500 Kalamazoo River near Fennville  
04108645 Rabbit River at Hamilton  
04108801 Macatawa River at State Road near Zeeland (replicate to 04108800)  
04109000 Grand River at Jackson  
04109500 Portage River near Munith [D]  
04110000 Orchard Creek near Munith [D]

Sites eliminated in-house from study consideration (continued)

04111000 Grand River near Eaton Rapids  
04112000 Sloan Creek near Williamston  
04112500 Red Cedar River at East Lansing  
04113000 Grand River at Lansing  
04113090 Carrier Creek near Grand Ledge [D]  
04115000 Maple River at Maple Rapids  
04116000 Grand River at Ionia  
04116500 Flat River at Smyrna  
04118000 Thornapple River near Caledonia  
04118500 Rogue River near Rockford  
04119000 Grand River at Grand Rapids  
04119055 Plaster Creek at Grand Rapids  
04119160 Buck Creek at Grandville  
04120295 Black Creek near Muskegon [D]  
04121000 Muskegon River near Merritt [D]  
04121300 Clam River at Vogel Center  
04121900 Little Muskegon River near Morley [D]  
04121944 Little Muskegon River near Oak Grove  
04121970 Muskegon River near Croton  
04122000 Muskegon River at Newaygo [D]  
04122100 Bear Creek near Muskegon  
04122223 Pentwater River near Hart [D]  
04125550 Manistee River near Wellston  
04126000 Manistee River near Manistee  
04126600 Betsie River near Benzonia  
04126740 Platte River at Honor  
04127000 Boardman River near Mayfield [D]  
04127800 Jordan River near East Jordan  
04127850 Boyne River near Boyne City [D]  
04128500 Indian River at Indian River  
04128990 Pigeon River near Vanderbilt  
04129000 Pigeon River near Vanderbilt  
04130000 Cheboygan River near Cheboygan [D]  
04130500 Black River near Tower  
04131000 Rainy River near Onaway [D]  
04132000 Black River near Cheboygan [D]  
04132500 Thunder Bay River near Hillman [D]  
04133000 Upper South Branch Thunder Bay River near Lachine [D]  
04133500 Thunder Bay River near Bolton [D] (replicate to 04133501)  
04133501 Thunder Bay River at Herron Road near Bolton (replicate to 04133500)  
04134500 Lower South Branch Thunder Bay River near Hubbard Lake [D]  
04135000 Thunder Bay River near Alpena [D]

Sites eliminated in-house from study consideration (continued)

04136500 Au Sable River at Mio  
04136900 Au Sable River near Mc Kinley  
04137000 Au Sable River at Bamfield [D]  
04137005 Au Sable River near Curtisville  
04137500 Au Sable River near Au Sable  
04138000 East Branch Au Gres River near McIvor [D]  
04138500 Au Gres River near National City [D]  
04138800 Houghton Creek at Rose City [D]  
04138900 Wilkins Creek near Rose City [D]  
04139000 Houghton Creek near Lupton [D]  
04140500 Rifle River at State Road at Selkirk  
04141500 West Branch Rifle River near Selkirk [D]  
04142000 Rifle River near Sterling  
04143500 North Branch Kawkawlin River near Kawkawlin [D]  
04144200 Porter Drain near Gaines [D]  
04144500 Shiawassee River at Owosso  
04145000 Shiawassee River near Fergus  
04145500 Bad River near Brant [D]  
04146000 Farmers Creek near Lapeer  
04146020 South Branch Flint River near Millville [D]  
04147500 Flint River near Otisville  
04147800 Powers Cullen Drain near Genesee [D]  
04147900 Lefler-Scothan Drain near Otisville [D]  
04148000 Flint River at Genesee [D]  
04148120 Kearsley Creek near Atlas [D]  
04148139 Black Creek near Davison [D]  
04148144 Chipmunk Creek near Genesee [D]  
04148160 Gilkey Creek near Flint [D]  
04148200 Swartz Creek near Holly [D]  
04148255 Swartz Creek near Grand Blanc [D]  
04148260 Swartz Creek near Swartz Creek [D]  
04148265 Kimball Drain near Swartz Creek [D]  
04148270 West Branch Swartz Creek near Swartz Creek [D]  
04148300 Swartz Creek at Flint  
04148410 Thread Creek near Goodrich [D]  
04148440 Thread Creek near Flint  
04148500 Flint River near Flint  
04148620 Freeman Drain near Montrose [D]  
04148740 Central Stadler Drain near Montrose [D]  
04149000 Flint River near Fosters  
04151000 Cass River at Vassar  
04151500 Cass River at Frankenmuth

Sites eliminated in-house from study consideration (continued)

04152500 Tobacco River at Beaverton [D]  
04154000 Chippewa River near Mt. Pleasant  
04154500 Chippewa River near Midland [D]  
04155000 Pine River at Alma  
04155500 Pine River near Midland  
04156000 Tittabawassee River at Midland  
04157000 Saginaw River at Saginaw  
04157500 State Drain (Sebewaing River) near Sebewaing [D]  
04158000 Columbia Drain near Sebewaing [D]  
04158500 Pigeon River near Owendale [D]  
04159492 Black River near Jeddo  
04159500 Black River near Fargo [D]  
04160000 Mill Creek near Abbottsford [D]  
04160050 Black River near Port Huron [D]  
04160570 North Branch Belle River at Imlay City [D]  
04160900 Clinton River near Drayton Plains  
04161000 Clinton River at Auburn Hills  
04161100 Galloway Creek near Auburn Heights [D]  
04161500 Paint Creek near Lake Orion [D]  
04161540 Paint Creek at Rochester  
04161800 Stony Creek near Washington  
04161820 Clinton River at Sterling Heights  
04162010 Red Run near Warren [D]  
04162900 Big Beaver Creek near Warren [D]  
04163400 Plum Brook at Utica  
04163500 Plum Brook near Utica [D]  
04164000 Clinton River near Fraser  
04164250 Tupper Brook at Ray Center [D]  
04164300 East Branch Coon Creek at Armada  
04164350 Highbank Creek near Armada  
04164360 East Branch Coon Creek near New Haven  
04164400 Deer Creek near Meade  
04164450 McBride Drain near Macomb  
04164500 North Branch Clinton River near Mt. Clemens  
04164600 Middle Branch Clinton River near Macomb  
04164800 Middle Branch Clinton River at Macomb [D]  
04165200 Gloede Ditch near Waldenburg [D]  
04165500 Clinton River at Mt. Clemens  
04166000 River Rouge at Birmingham  
04166100 River Rouge at Southfield  
04166200 Evans Ditch at Southfield  
04166300 Upper River Rouge at Farmington

Sites eliminated in-house from study consideration (continued)

04166500 River Rouge at Detroit  
04167000 Middle River Rouge near Garden City  
04168000 Lower River Rouge at Inkster  
04168660 Frank and Poet Drain at Trenton  
04169500 Huron River at Commerce [D]  
04170000 Huron River at Milford  
04170500 Huron River near New Hudson  
04171500 South Ore Creek near Brighton [D]  
04172000 Huron River near Hamburg  
04173000 Huron River near Dexter [D]  
04173250 Mill Creek near Lima Center [D]  
04173500 Mill Creek near Dexter  
04174500 Huron River at Ann Arbor  
04174800 Huron River at Ypsilanti [D]  
04175340 Stony Creek at Oakville [D]  
04175600 River Raisin near Manchester  
04175700 River Raisin near Tecumseh [D]  
04175960 South Branch River Raisin near Adrian [D]  
04176000 River Raisin near Adrian  
04176400 Saline River near Saline  
04176500 River Raisin near Monroe  
04176605 Otter Creek at La Salle